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(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.  
36048/US/2 - 475396-00173Serial No.  
To be determinedINFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant(s)  
Gilad Lerman et al.Filing Date  
Herewith (May 16, 2006)Group  
To be determined

## U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
/RSN/	6	7	6	3	3	0	8	Chu et al.	July 13, 2004 **			
/RSN/	6	5	1	6	2	7	6	Ghandon et al.	February 4, 2003 **			

## FOREIGN PATENT DOCUMENT

		Document No.							Date	Country	Class	SubClass	Translator Yes No

\*\* References cited in the International Search Report

## OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

/RSN/		Mutch et al. "The Limit Fold Change Model: A Practical Approach for Selecting Differentially Expresses Genes from Microarray Data" BMC Bioinformatics 2002, Vol. 3, No. 17, pages 1-11, see entire article, especially column 1-2, page 2 and column 2, page 3 **
/RSN/		Farley et al., "Model-Based Clustering, Discriminant Analysis, and Density Estimation Technical Report No. 380", Department of Statistics, University of Washington, October 2000, see entire article **
/RSN/		He Yang et al. "A segmental nearest neighbor normalization and gene identification method gives superior results for DNA-array analysis", PNAS, February 4, 2003 Vol. 100 No.3 Pages 1122-1127
/RSN/		B. M. Bolstad, et al. "A comparison of normalization methods for high density oligonucleotide array data based on variance and bias", Bioinformatics 19(2), 2003, pages 185-193
/RSN/		Bradley Efron et al. "Empirical Bayes Analysis of a Microarray Experiment", Journal of the American Statistical Association, December 2001, Vol. 96, No. 456, pages 1151-1160
/RSN/		Peter W. Jones et al. "Rectifiable sets and the Traveling Salesman Problem", Inventiones Mathematicae 102, 1-15, 1990, pages 1-15
/RSN/		Michael Parisi et al., "Paucity of Genes on the Drosophila X Chromosome Showing Male-Biased Expression", Science, January 31, 2003, Vol. 299, pages 697-700
/RSN/		Cheng Li et al., "Model-based analysis of oligonucleotide arrays: Expression index computation and outlier detection", PNAS, January 2, 2001, Vol. 98, No. 1, pages 31-36
/RSN/		Sandrine Dudoit et al., "Statistical methods for identifying differentially expresses genes in replicated cDNA microarray Experiments", Statistica Sinica 12, 2002, pages 111-139

Examiner /Russell S. Negin/ Date Considered 02/21/2009

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/RSN/	Hans-George Muller et al., "Variable bandwidth kernel estimators of regression curves", The Annals of Statistics, Vol. 15, No. 1, March 1987, pages 182-201
/RSN/	M.A. Newton et al., "On differential variability of expression ratios: improving statistical inference about gene expression changes from microarray data", Journal of Computational Biology, Vol. 8, No. 1, 2001, pages 37-52
/RSN/	Gilad Lerman, "Quantifying Curvelike Structures of Measures by Using $L_2$ Jones Quantities", Communications on Pure and Applied Mathematics, 2003, pages 1294-1365

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